

ART SEARCH RECORD

Patent Examiner Francis Moonan

US Patent Application: 09/773,976

Inventor: Sun, Paul; Velde, Michael; Gardner, Danielson B

I. WEST Search.

Databases=USPAT; US-PGPUB; EPO; JPO; DERW

Date= 3 January 2002

Query= (Sun.IN.) or (Velde.IN.) or (Gardner.IN.)not mammal and breed?
and cultivar

Results= 5

Art Considered= 2

DOCUMENT-IDENTIFIER: US 6051759 A

TITLE: Alfalfa products and method for producing
alfalfa products for a sequential harvesting
system

DATE-ISSUED: April 18, 2000

INVENTOR-INFORMATION:

Sun; Paul L. F.

US-PAT-NO: 5724767

DOCUMENT-IDENTIFIER: US 5724767 A

TITLE: Alfalfa products and method for producing
alfalfa products for a sequential harvesting
system

DATE-ISSUED: March 10, 1998

INVENTOR-INFORMATION:

Sun; Paul L. F.

US-PAT-NO: 4045912

DOCUMENT-IDENTIFIER: US 4045912 A

TITLE: Production of alfalfa seeds

DATE-ISSUED: September 6, 1977

INVENTOR-INFORMATION:

Sun; Paul L. F.

Text Query= (medicago or alfalfa) and (cultivar or variet?) and (synthetic or breed?) and hybrid? not animal? not mammal? and synthetic not maize
Results= 40
Art Considered= (None..see 3 Sun et al patents above)

II. DIALOG Search.

Databases= Dialindex:BIOTECH,AGRI
Date= 3 January 2002

Author Query= (au=sun p) or (au=sun p.) or (au=velde m) or (au=velde m.) or (au=gardner d) or (au=gardner d.) not animal ? not mammal ? and breed?
Results= 5
Art Considered= 1

6/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.
05923653 BIOSIS NO.: 000035015016
POLLINATION CONTROL MECHANICAL AND STERILITY
AUTHOR: VIANDS D R; SUN P ; BARNES D K
AUTHOR ADDRESS: CORNELL UNIV., ITHACA, N.Y., USA.
JOURNAL: HANSON, A. A. (ED.). AGRONOMY: A SERIES OF MONOGRAPHS, NO. 29.
ALFALFA AND ALFAFA IMPROVEMENT. XXVI+1084P. AMERICAN SOCIETY OF AGRONOMY,
INC., CROP SCIENCE SOCIETY OF AMERICA, INC., SOIL SCIENCE SOCIETY OF
AMERICA, INC.: MADISON, WISCONSIN, USA. ILLUS. MAPS. ISBN 0-89118-094-X. 0
(0). 1988. 931-960. 1988
CODEN: AGRYA
DOCUMENT TYPE: Review
RECORD TYPE: Citation
LANGUAGE: ENGLISH

Text Query= (medicago or alfalfa)(5N)(A833 or B209 or Thor or DS9671
or C580)
Results=17
Art Considered= 3

2/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.
03518838 BIOSIS NO.: 000073021918
EVAPORATION AND LEAF WATER STATUS OF ALFALFA MEDICAGO -SATIVA
CULTIVAR THOR GROWING UNDER ADVECTIVE CONDITIONS
AUTHOR: WILLIAMS R J; STOUT D G
AUTHOR ADDRESS: AIR STUDIES BRANCH, B.C. MINIST. ENVIRON., KAMLOOPS, B.C.
V2B 8A9, CAN.
JOURNAL: CAN J PLANT SCI 61 (3). 1981. 601-608. 1981
FULL JOURNAL NAME: Canadian Journal of Plant Science
CODEN: CPLSA
RECORD TYPE: Abstract

LANGUAGE: ENGLISH

2/3/9 (Item 9 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

02919402 BIOSIS NO.: 000069027520

EFFECTS OF OVER IRRIGATION ON GROWTH AND QUALITY OF ALFALFA MEDICAGO-SATIVA

AUTHOR: PETERSCHMIDT N A; DELANEY R H; GREENE M C

AUTHOR ADDRESS: DIV. PLANT SCI., UNIV. WYO., LARAMIE, WYO. 82701, USA.

JOURNAL: AGRON J 71 (5). 1979. 752-754. 1979

FULL JOURNAL NAME: Agronomy Journal

CODEN: AGJOA

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

2/3/16 (Item 6 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2001 CAB International. All rts. reserv.

00086246 CAB Accession Number: 731603504

Thor alfalfa .

Northrup King & Co., Minneapolis, Minn., USA.

Seed Scoop vol. 19 (4): p.6

Publication Year: 1972 --

Language: English

Document Type: Journal article

Text Query= (medicago or alfalfa) and synthetic(5N)(variet? or cultivar)
and breed?

Results=129

Art Considered= 18

3/3/4 (Item 4 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2001 CAB International. All rts. reserv.

03281849 CAB Accession Number: 961609489

Variety constitution methodology in Medicago sativa: a model of stand structure, cultivar and plant.

Rotili, P.; Scotti, C.

Istituto Sperimentale per le Colture Foraggere, Lodi, Italy.

Rasteniev"dni Nauki vol. 32 (6): p.15-17

Publication Year: 1995

ISSN: 0568-465X --

Language: English

Document Type: Journal article

3/3/15 (Item 15 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2001 CAB International. All rts. reserv.
02672751 CAB Accession Number: 931697924
Trends in breeding perennial herbage crops.
Original Title: Pravci oplemenjivanja visegodisnjih trava i djetelina.
Halagic, S.; Gasperov, S.; Kolic, B.; Lovrec, L.
Institut za Oplemenjivanje i Proizvodnju Bilja, Zagreb, Croatia.
Sjemenarstvo vol. 9 (4-5): p.265-268
Publication Year: 1992
ISSN: 0352-3047 --
Language: Serbo-Croatian Summary Language: english
Document Type: Journal article

3/3/31 (Item 31 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2001 CAB International. All rts. reserv.
02225114 CAB Accession Number: 901611342
General method of maintenance breeding of synthetic varieties in
fodder plants.
Rod, J.; Chloupek, O.
Vyzkumny a Slechtitelsky Ustav Picninarsky, 664 41 Troubsko,
Czechoslovakia.
Sbornik UVTIZ, Genetika a Slechteni vol. 25 (3, supplement): p.i - vi
Publication Year: 1989 --
Language: English
Document Type: Journal article

3/3/33 (Item 33 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2001 CAB International. All rts. reserv.
02174046 CAB Accession Number: 891607901
Performance of second and third generation synthetics of alfalfa based
on different number of parents.
Original Title: (Poster).
Rotili, P.; Zonnone, L.
Istituto Sperimentale per le Colture Foraggere, Viale Piacenza 29, Lodi,
Italy.
Conference Title: Report of the thirty-first North American Alfalfa
Improvement Conference, held at Beltsville, Maryland, USA, 19-23 June 1988
p.75
Publication Year: 1988
Editors: Moutray, J.B.; Elgin, J.H., Jr.
Publisher: North American Alfalfa Improvement Conference --
Beltsville, Maryland, USA
Language: English
Document Type: Conference paper

3/3/37 (Item 37 from file: 50)
DIALOG(R)File 50 CAB Abstracts
(c) 2001 CAB International. All rts. reserv.
01983858 CAB Accession Number: 881672339

Registration of '532' alfalfa .
Woodward, W. T. W.; Miller, J. W.; Miller, M. K.
Pioneer Hi-Bred International, Inc., Johnston, IA 50131, USA.
Crop Science vol. 28 (1): p.185-186
Publication Year: 1988
ISSN: 0011-183X --
Language: English
Document Type: Journal article

3/3/38 (Item 38 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2001 CAB International. All rts. reserv.
01983852 CAB Accession Number: 881672332

Registration of '526' alfalfa .
Woodward, W. T. W.; Miller, J. W.; Miller, M. K.
Pioneer Hi-Bred International, Inc., Johnston, IA 50131, USA.
Crop Science vol. 28 (1): p.185
Publication Year: 1988
ISSN: 0011-183X --
Language: English
Document Type: Journal article

3/3/40 (Item 40 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2001 CAB International. All rts. reserv.
01961282 CAB Accession Number: 881670134

Registration of '5444' alfalfa .
Woodward, W. T. W.; Miller, J. W.; Eckman, L. D.; Edmunds, L. K.; Hoard,
G. E.; Hartman, B. J.; Nash, L. M.; Poynor, E. F.
Pioneer Hi-Bred International, Inc., PO Box 287, Johnston, IA 50131,
USA.
Crop Science vol. 27 (6): p.1306
Publication Year: 1987
ISSN: 0011-183X --
Language: English
Document Type: Journal article

3/3/41 (Item 41 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2001 CAB International. All rts. reserv.
01961281 CAB Accession Number: 881670133

Registration of '5432' alfalfa .
Woodward, W. T. W.; Miller, J. W.; Eckman, L. D.; Edmunds, L. K.; Hoard,
G. E.; Hartman, B. J.; Nash, L. M.; Poynor, E. F.
Pioneer Hi-Bred International, Inc., Johnston, IA 50131, USA.
Crop Science vol. 27 (6): p.1305-1306
Publication Year: 1987
ISSN: 0011-183X --
Language: English
Document Type: Journal article

3/3/88 (Item 88 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2001 CAB International All rts. reserv.
00299889 CAB Accession Number: 751626187

Vernal alfalfa passes milestone.

Powers, R. D.

Crops and Soils vol. 27 (2): p.28-30

Publication Year: 1974 --

Language: English

Document Type: Journal article

3/3/89 (Item 89 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2001 CAB International. All rts. reserv.
00297621 CAB Accession Number: 741623139
Registration of Indiana Syn. C alfalfa germplasm (Reg. No. GP 43).
Thompson, T. E.; Axtell, J. D.; Shade, R. E.; Meeks, R. D.
Dep. Agron., Purdue Univ., West Lafayette, Ind., USA.
Crop Science vol. 14 (4): p.609
Publication Year: 1974
ISSN: 0011-183X --
Language: English
Document Type: Journal article

3/3/94 (Item 2 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2001 The Dialog Corporation. All rts. reserv.
3618368 20600505 Holding Library: AGL
Registration of 'AmeriGraze 702' alfalfa
Bouton, J.H. Gates, R.N.; Wood, D.T.; Utley, P.R.
University of Georgia, Athens, GA.
Madison, Wis. : Crop Science Society of America, 1961-
Crop science. Jan/Feb 1997. v. 37 (1) p. 292.
ISSN: 0011-183X CODEN: CRPSAY
DNAL CALL NO: 64.8 C883
Language: English

3/3/95 (Item 3 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2001 The Dialog Corporation. All rts. reserv.
3441707 20456863 Holding Library: AGL
The polycross progeny performance as an index of the combining ability
of alfalfa clones
Tysdal, H.M. Crandall, B.H.
Washington, D.C. : The Society, 1913-[1948]
Journal of the American Society of Agronomy. Apr 1948. v. 40 (4) p.
293-306.
ISSN: 0095-9650
DNAL CALL NO: 4 Am34P
Language: English

3/3/96 (Item 4 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2001 The Dialog Corporation. All rts. reserv.
3432097 20448946 Holding Library: AGL
Hybrid alfalfa
Tysdal, H.M. Kiesselbach, T.A.
Washington, D C. : The Society, 1913-[1948]
Journal of the American Society of Agronomy. Aug 1944. v. 36 (8) p.
649-667.
ISSN: 0095-9650
DNAL CALL NO: 4 Am34P
Language: English

3/3/97 (Item 5 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2001 The Dialog Corporation. All rts. reserv.
3376436 20400004 Holding Library: AGL
Registration of 'Resistar' alfalfa
Stratton, S.D.
Madison, Wis. : Crop Science Society of America, 1961-
Crop science. Jan/Feb 1994. v. 34 (1) p. 305-306.
ISSN: 0011-183X CODEN: CRPSAY
DNAL CALL NO: 64.8 C883
Language: English

3/3/98 (Item 6 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2001 The Dialog Corporation. All rts. reserv.
3343133 20372218 Holding Library: AGL
Registration of '5333' alfalfa
Woodward, W.T.W. Hoard, G.E.; Jessen, D.L.; Miller, D.J.; Poynor, E.F.;
Satterlee, L.D.; Smith, M.A.
Madison, Wis. : Crop Science Society of America, 1961-
Crop science. July/Aug 1993. v. 33 (4) p. 874.
ISSN: 0011-183X CODEN: CRPSAY
DNAL CALL NO: 64.8 C883
Language: English

3/3/99 (Item 7 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2001 The Dialog Corporation. All rts. reserv.
3343127 20372212 Holding Library: AGL
Registration of '5373' alfalfa
Woodward, W.T.W. Hoard, G.E.; Jessen, D.L.; Miller, D.J.; Poynor, E.F.;
Satterlee, L.D.; Smith, M.A.
Madison, Wis. : Crop Science Society of America, 1961-
Crop science. July/Aug 1993. v. 33 (4) p. 873.
ISSN: 0011-183X CODEN: CRPSAY
DNAL CALL NO: 64.8 C883
Language: English

3/3/103 (Item 11 from file: 10)

DIALOG(R)File 10:AGRICOLA

(c) format only 2001 The Dialog Corporation. All rts. reserv.

606988 749112868

Population characteristics of advanced generations of an alfalfa synthetic [cultivar] increased from selfed, single-cross, or polycross seed. [Fall regrowth, winter survival, genetic stability]

Bula, R J; May, R G; Garrison, C S; Rincker, C M; Dean, J G; Elling, L J
Crop Sci Sept/Oct 1974 14 (5): 618-621.

LC: 64.8 C883

Language: English

3/3/112 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

05651623 BIOSIS NO.: 000084000028

THEORETICAL VALUE OF ESTIMATES OF GENERAL COMBINING ABILITY IN THE AUTOTETRAPLOID CROP

AUTHOR: ROWE D E

AUTHOR ADDRESS: USDA-ARS, CROP SCI. RES. LAB., P.O. BOX 5367, MISSISSIPPI STATE, MS 39762, USA.

JOURNAL: THEOR APPL GENET 73 (4). 1987. 537-541. 1987

FULL JOURNAL NAME: Theoretical and Applied Genetics

CODEN: THAGA

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

III. Database Search.

Date= 4 January 2002

Database=<http://www.ars-grin.gov/npgs/searchgrin.html>

Query=

Results= (see attached)